

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	23	"201136"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 14:19
S2	9	(fill\$4 near3 (template cutout)) and (fusible near3 (template cutout))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 15:32
S3	9	(stencil\$4 with (fill\$4 near5 cutout))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 15:34
S4	191	(stencil\$4 with (fill\$4 near5 opening))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/02 15:35
S5	8	(stencil\$4 with (fill\$4 near5 opening)) same (melt\$4 fus\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 11:34
S6	241	((stencil\$4 tape) near5 (solder preform)) with (melt\$4 fus\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 11:37
S8	28	S6 and (gem gemstone diamond)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 12:37
S9	48	(solder preform) with laser with (gem gemstone diamond)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 11:43
S10	476	(solder preform) with (tape carrier) with transfer\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 11:44

S11	:46	(solder preform) with (tape carrier) with transfer\$5 with (melt \$3 fus\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 11:47
S12	:2	S11 and mark\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 11:46
S13	:3053	(solder preform transfer \$5) with (tape carrier) with (melt\$3 fus\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 11:47
S14	:28	solder preform transfer \$5) with (tape carrier) with (melt\$3 fus\$4) with mark\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 11:50
S15	:1	("6662716").PN.	USPAT; USOCR	OR	OFF	2005/12/05 11:52
S16	:2	(("4073992") or ("4603986")).PN.	USPAT; USOCR	OR	OFF	2005/12/05 11:57
S17	:33	"0119801"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 12:00
S18	:4	S17 and transfer\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 11:59
S19	:2	S17 and mark\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 11:59
S20	:0	0119801A2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 12:00
S21	:0	"0119801 A2"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 12:00

S22	15	indicia with mark\$3 with (gem gemstone diamond) with (coating layer\$4 appl\$9)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 14:23
S23	2	((4467172") or ("5149938")).PN.	USPAT; USOCR	OR	OFF	2005/12/05 12:39
S24	166	(gem gemstone diamond) with ((coating layer\$4 appl \$9 transfer\$4) near3 (indicia mark\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 12:47
S25	38	(gem gemstone diamond) with ((coating layer\$4 appl \$9 transfer\$4) near3 (indicia mark\$4) with (heat\$3 flame laser))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 12:56
S26	1	("3719981").PN.	USPAT; USOCR	OR	OFF	2005/12/05 13:48
S27	2	("3464617").PN.	USPAT; USOCR	OR	OFF	2005/12/05 13:59
S28	8	((5932119") or ("4392476") or ("4467172") or ("5753887") or ("6211484") or ("5149938") or ("5410125") or ("5573684")).PN.	USPAT; USOCR	OR	OFF	2005/12/05 14:50
S29	2	("3464617").PN.	USPAT; USOCR	OR	OFF	2005/12/05 14:50
S30	5	((6129965") or ("6329631") or ("3464617") or ("4179322")).PN.	USPAT; USOCR	OR	OFF	2007/07/09 10:48
S31	171	(diamond gemstone gem) with (stencil\$4 mask\$4) with (laser mark\$4 fuse fusi\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:46
S32	5	(diamond gemstone gem) with ((stencil\$4 mask\$4) near5 (fuse fusi\$4)) with (laser mark\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:36
S33	129	((stencil\$4 mask\$4) near5 (fuse fusi\$4)) with (laser mark\$4) not S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:37

S34	6	((stencil\$4 mask\$4) near5 (fuse fusi\$4)) with (laser mark\$4)) and ((fuse fusi\$4) near5 tungsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:39
S35	6	S34 not S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:39
S36	1797	(diamond gemstone gem) with (stencil\$4 mask\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:47
S37	32	((diamond gemstone gem) near5 mark\$4) with ((stencil\$4 mask \$4) near5 mark\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:47
S38	27	S37 not S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:47
S39	1	("6129965").PN.	USPAT; USOCR	OR	OFF	2006/11/02 14:19
S40	20	mark\$3 with (gem gemstone diamond) with (fus\$4 melt\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 14:33
S41	1	("6593543").PN.	USPAT; USOCR	OR	OFF	2006/11/02 14:27
S42	108	laser with (gem gemstone diamond) with (fus\$4 melt\$4) not S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 14:39
S43	25	laser with (gem gemstone diamond) with (fus\$4 melt\$4) with (metal\$4 oxid\$3 ceramic alloy) not S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 07:47

S44	6197022	b0\$9 b1\$9 b2\$9 b3\$9 b4\$9 b5\$9 b6\$9 b7\$9 b8\$9 b9\$9 f0\$9 f1\$9 f2\$9 f3\$9 f4\$9 f5\$9 f6\$9 f7\$9 f8\$9 f9\$9 g0\$9 g1\$9 g2\$9 g3\$9 g4\$9 g5\$9 g6\$9 g7\$9 g8\$9 g9\$9 h0\$9 h1\$9 h2\$9 h3\$9 h4\$9 h5\$9 h6\$9 h7\$9 h8\$9 h9\$9	JPO	OR	ON	2006/11/03 07:49
S45	1022	S44 and (fus\$4 melt \$4) and (etch\$4 cavit \$4 ablat\$4) and (energy beam laser electron)	JPO	OR	ON	2006/11/03 07:51
S46	4	S45 and (gem diamond \$4 stone gemstone zircon\$4)	JPO	OR	ON	2006/11/03 07:56
S47	27	S45 and ceram\$4	JPO	OR	ON	2006/11/03 08:00
S48	0	S44 and (direct with beam with exposure) and laser and (gem diamond\$4 stone gemstone)	JPO	OR	ON	2006/11/03 08:01
S49	1	S44 and (direct with beam with exposure) and laser and ceramic	JPO	OR	ON	2006/11/03 08:01
S50	65	S44 and (direct with beam with exposure) not S49	JPO	OR	ON	2006/11/03 08:04
S51	1	S44 and (direct with beam with (exposure draw\$4 writ\$4)) and (gem gemstone stone diamond ruby zirconium)	JPO	OR	ON	2006/11/03 08:06
S52	0	S44 and laser and (direct near5 (exposure draw\$4 writ \$4)) and (gem gemstone stone diamond ruby zirconium)	JPO	OR	ON	2006/11/03 08:07
S53	1	S44 and heat\$4 and (direct near5 (exposure draw\$4 writ \$4)) and (gem gemstone stone diamond ruby zirconium)	JPO	OR	ON	2006/11/03 08:18

S54	41	S44 and heat\$4 and (mark\$4) and (gem gemstone stone diamond ruby zirconium)	JPO	OR	ON	2006/11/03 08:19
S55	74	S44 and (heat\$4 laser energy beam) and (mark\$4) and (gem gemstone stone diamond ruby zirconium)	JPO	OR	ON	2006/11/03 08:32
S56	29	S44 and laser and (heat \$4 laser energy beam) and (mark\$4) and (gem gemstone stone diamond ruby zirconium)	JPO	OR	ON	2006/11/03 08:49
S57	45	S55 not S56	JPO	OR	ON	2006/11/03 08:35
S58	4	S44 and laser and (heat \$4 laser energy beam) and (stamp\$4) and (gem gemstone stone diamond ruby zirconium) not S55	JPO	OR	ON	2006/11/03 08:57
S59	1	("6662716").PN.	USPAT; USOCR	OR	OFF	2006/11/03 08:57
S60	3	(("6329631") or ("6129965") or ("5760367")).PN.	USPAT; USOCR	OR	OFF	2007/07/09 13:00
S61	139	stencil\$4 mask\$3) with laser with (diamond gemstone gem)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 10:55
S62	79	S61 and (stencil\$4 mask\$3) with (surface face)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 10:59
S63	63	S61 and (stencil\$4 mask\$3) near5 (surface face)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 10:59
S64	63	S61 and (stencil\$4 mask\$3) near5 (surface face table)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 10:59

S65	81	S61 and (stencil\$4 mask\$3) with (surface face table)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 11:09
S66	63	S65 and (stencil\$4 mask\$3) near5 (surface face table)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 11:08
S67	8	S65 and (stencil\$4 mask\$3) with (melt\$4 fus\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 11:09
S68	73	S61 and (stencil\$4 mask\$3) near5 (attach \$4 fixed\$4 apply\$4 appli\$7 surface face table)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 11:34
S69	8	S68 and (stencil\$4 mask\$3) with (melt\$4 fus\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 11:09
S70	24	S61 and (stencil\$4 mask\$3) near5 (attach \$4 fixed\$4 apply\$4 appli\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 12:12
S71	2	"20040144761"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 12:13
S72	2	S71 and site	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 12:13
S73	1	S71 and fill\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 12:18

S74	45	(diamond gem gemstone stone emerald ruby sapphire) with (tungsten ceramic (metal\$5 adj oxide) with (laser melt\$4 fuse \$4 fusi\$4) with (crater \$3 ablat\$4 etch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 12:24
S75	12687	(diamond gem gemstone stone emerald ruby sapphire) with (mark\$4 engrav\$4 indicia label\$4 decorat \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 12:26
S76	45	S74 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 12:25
S77	6363	(diamond gem gemstone stone emerald ruby sapphire) near3 (mark\$4 engrav \$4 indicia label\$4 decorat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 12:32
S78	8	S74 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 12:26
S79	27	(diamond gem gemstone stone emerald ruby sapphire) near3 (mark\$4 engrav \$4 indicia label\$4 decorat\$4) with stencil \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 12:33

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